

MATERIAL SAFETY DATA SHEET

Jesco Resources, Inc.

Multi-Purpose Lithium Grease

Last Revision: 11/27/00

Date Issued: 11/27/00

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer/Supplier:

Jesco Resources, Inc.
1437 Gentry, P.O. Box 12337
North Kansas City, MO 64116

Emergency Spill Information:

1-800-255-3924 Chem-Tel (USA)

Other Product Safety Information:

816-471-4590

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>Range % by wt.</u>
*Severely Hydrotreated Heavy Naphthenic Distillate	64742-52-5	60-70
*Solvent-dewaxed Heavy Paraffinic Distillate	64742-65-0	10-20
Lithium Soap Thickener	proprietary	9-11
**Antimony compounds	n/a	1-3

* Regulated by OSHA.

** Regulated under SARA Title III.

3.0 HAZARDS IDENTIFICATION

Emergency Overview: This product has been evaluated and does not require any hazard warning on the label under OSHA criteria.

Potential Health Effects:

Eye Contact: No significant health hazard identified.

Skin Contact: Prolonged or repeated contact may cause skin irritation.

Inhalation: No significant health hazards identified.

Ingestion: Do not take internally. Harmful or fatal if swallowed.

HMIS Code: (Health:1) (Flammability:1) (Reactivity:0)

NFPA Code: (Health:1) (Flammability:1) (Reactivity:0)

4.0 FIRST AID MEASURES

Eye: Flush eyes with plenty of water.

Skin: Wash exposed skin with soap and water. Get medical attention if irritation develops.

Inhalation: If adverse effects occur, remove to uncontaminated area. Get medical attention.

Ingestion: If a large amount is swallowed, get medical attention. Do not induce vomiting.

5.0 FIRE FIGHTING MEASURES

Flashpoint: 350F **Method:** C.O.C.

UEL: Not determined.

LEL: Not determined.

Autoignition Temperature: Not determined.

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5.0 FIRE FIGHTING MEASURES cont.**Flammability Classification:** Not Flammable.**Extinguishing Media:** Agents approved for Class B (e.g., dry chemical, carbon dioxide, foam, steam) or water fog.**Unusual Fire and Explosion Hazards:** None identified.**Fire Fighting Equipment:** Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.**Hazardous Combustion Products:** Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

6.0 ACCIDENTAL RELEASE MEASURES

Remove any source of ignition. Absorb with dry inert material, sand, clay, etc., and shovel up for disposal.

7.0 HANDLING AND STORAGE**Handling:** No special requirements if handled with reasonable care.**Storage:** Do not store in high temperature areas or where subject to open flames.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION**Eye:** None required; however, use of eye protection is good industrial practice.**Skin:** Wear protective gloves if prolonged or repeated contact is likely.**Inhalation:** None required; however, use of adequate ventilation is good industrial practice.**Engineering Controls:** Control airborne concentrations below the exposure guidelines.**Exposure Guidelines:**

<u>Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
*Severely Hydrotreated Heavy Naphthenic Distillate	64742-52-5	5 mg/m3	5 mg/m3 (oil mist)
*Solvent-dewaxed Heavy Paraffinic Distillate	64742-65-0	5 mg/m3	5 mg/m3 (oil mist)
Lithium Soap Thickener	proprietary	none	none
**Antimony compounds	n/a	none	none

9.0 CHEMICAL AND PHYSICAL PROPERTIES

Appearance and Odor	: Smooth Red Grease
pH	: Not determined.
Vapor Pressure	: <.1 @ 20 C(mm Hg)
Vapor Density	: Not determined.
Boiling Point	: >700F
Melting Point	: Not determined.
Solubility	: Not determined.
Specific Gravity	: 0.8783 (water = 1)

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10.0 STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: None identified.

Materials to Avoid: Avoid chlorine, fluorine, and other strong oxidizers.

Hazardous Decomposition: None identified.

11.0 TOXICOLOGICAL INFORMATION

Toxicological testing has not been conducted on this product.

12.0 ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

13.0 DISPOSAL INFORMATION

Disposal must be in accordance with applicable federal, state, or local regulations. Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.

14.0 TRANSPORTATION INFORMATION

U.S. Dept. of Transportation

Shipping Name: not regulated

Hazard Class:

Identification number:

15.0 REGULATORY INFORMATION

SARA Title III Hazardous Categorization (40 CFR 370): Contains components regulated under SARA Title III.

OSHA Hazard Communication Standard: Contains components listed by OSHA.

BY:

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1437 Gentry

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This material safety data sheet conforms to the requirements of ANSI Z400.1.

This material safety data sheet and the information it contains is offered to you in good faith as accurate. It may not be valid for this material if used in combination with any other materials or in any process. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for his or her own particular use.